Solution to redmine 6463

**cSrv7, cSvrN3 some clients only read DA (not DO)**

July 19, 2023

These test cases require to test both reading a DA and a DO. Some clients only read a DA. As such we can't test the DO steps.

I propose to add "when supported" to the DO and DA steps.

|  |  |  |
| --- | --- | --- |
| **cSrv7** | **GetDataValues** | 🞎 Passed🞎 Failed🞎 Inconclusive |
| IEC 61850-7-2 clause 11.4.2IEC 61850-8-1 clause 13.4.1*PIXIT Sr8* |
| Expected result2-3. DUT accepts a GetDataValues response+ from server |
| Test description1. Set-up a TPAA with one server
2. DUT request GetDataValues of at least two data attributes (when supported)
3. DUT request GetDataValues of at least two data objects (when supported)
 |
| CommentTested with data attributes and/or data objects |

|  |  |  |
| --- | --- | --- |
| **cSrvN3** | **GetDataValues negative** | 🞎 Passed🞎 Failed🞎 Inconclusive |
| IEC 61850-7-2 clause 11.4.2IEC 61850-8-1 clause 13.4.1*PIXIT Sr2, Sr11* |
| Expected result1,3,5,7,9,11. DUT associates with the server and responds as specified in PIXIT. DUT shall continue with the other servers 2,4,6,8. DUT uses auto description to prevent sending the request or DUT accepts a GetDataValues response- from the server and continues as specified in PIXIT10,12. DUT receives a GetDataValues response and continues as specified in PIXIT |
| Test description1. Reconfigure/rename the LogicalDevice for one server only and restart the server2. DUT requests GetDataValues of a data object or attribute in the previously known logical device3. Reconfigure/rename the LogicalNode (in a valid existing logical device) for one server only and restart the server4. DUT requests GetDataValues of a data object or attribute in the previously known logical node5. Reconfigure/rename a data object (in a valid existing logical node) for one server only and restart the server6. DUT requests GetDataValues of the previously known data object or attribute7. Reconfigure/rename a data attribute (in a valid existing data object) for one server only and restart the server8. DUT requests GetDataValues of the previously known data attribute (when supported)9. Reconfigure CDC type of a data object (more data attributes then expected) for one server only and restart the server10. DUT requests GetDataValues of a known data object with more data attributes then expected (when supported)11. Reconfigure CDC type of a data object (less attributes then expected) for one server only and restart the server12. DUT requests GetDataValues of a known data object with less attributes then expected (when supported) |
| CommentTested with data attributes and/or data objects |